

What is claimed is:

1. A Fourier Transform Raman Spectroscopy method for mathematically
determinating isomers within a chemical composition comprising the steps of:
creating a standard curve;
5 analyzing a chemical sample, wherein the isomeric ratio is determined.
2. The method of claim 1, wherein the chemical sample comprises
omeprazole and the ratio comprises a ratio of the 5-methoxy and 6-methoxy isomers
of omeprazole on the benzimidazole moiety.
10
3. An omeprazole API composition fixed with a ratio of 5-methoxy and 6
methoxy isomers.
4. The omeprazole API composition of claim 3, fixed with a ratio of from
15 about 4 percent or less 5-methoxy and from about 96 percent or more 6-methoxy.
5. The omeprazole API composition of claim 3, fixed with a ratio of from
about 9 percent or more 5-methoxy and from about 91 percent or less 6-methoxy.
- 20 6. An omeprazole API composition having a predetermined ratio of 5-
methoxy and 6-methoxy.